

# QUEETS – QUEETS COHO

## STOCK STATUS

**1992 STATUS**

**Healthy**

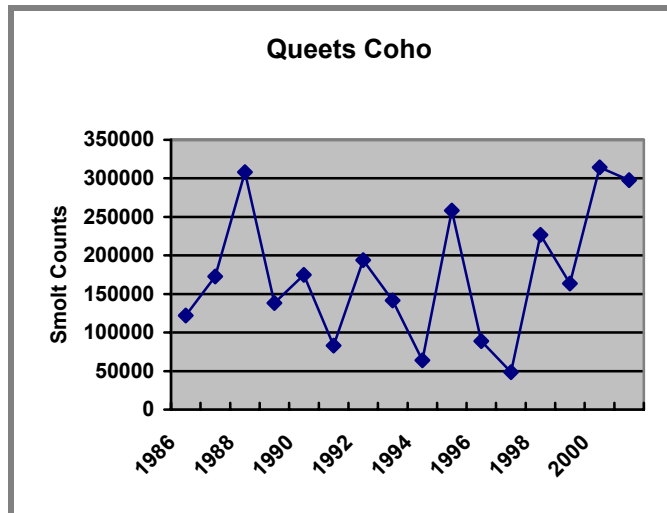
**2002 STATUS**

**Healthy**

## STOCK STATUS RATING DATA

**USEFULNESS FOR RATING STOCK STATUS:** Good

BROOD YEAR	SMOLT COUNTS
1986	122,195
1987	172,711
1988	308,177
1989	138,108
1990	174,658
1991	83,215
1992	193,926
1993	141,700
1994	63,842
1995	258,287
1996	88,947
1997	48,763
1998	226,564
1999	163,450
2000	314,404
2001	297,660



Data are juvenile smolt counts by brood year expanded to basin-total smolt production estimates. Index areas surveyed include the mainstem Queets River (RM 23.5 to 25.8) and the Salmon River (RM 2.2 to 3.7, RM 4.0 to 4.7 and RM 10.8 to 11.9). Surveyed tributaries include Mud Creek (RM 0.0 to 0.3), Matheny Creek (RM 0.5 to 2.7), North Creek (RM 0.0 to 0.5), Pebble Creek (RM 0.0 to 0.3), unnamed tributary 21.0139E and Sams River (RM 1.9 to 3.0).

The stock is rated **Healthy** in 2002 because there are no observations of critically low smolt production in recent years and there is an increasing escapement trend. There is concern for the persistence of relatively low smolt production for one of the brood lines in 1993, 1997 and 1999 due to a combination of low parent escapements and flooding during incubation.

## STOCK DEFINITION

Queets coho were identified as a stock based on their distinct spawning distribution.

**SPAWNING DISTRIBUTION:** Most spawning takes place in the Queets, Salmon and Sams rivers. Spawning also occurs in Matheny, Mud, North and Pebble creeks.

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**SPAWNING TIMING:** Spawning generally occurs from November through January.

**GENETIC ANALYSIS:** Genetic analysis has not been done on Queets coho.

## **STOCK ORIGIN**

This is a **native** stock with **composite** production. Cultured wild broodstock releases have occurred in the Queets River to supplement wild coho production.